

ABSTRACT OF THE DISCLOSURE

A system for developing and processing a complex graphical user interface for a computer application program includes a computer system for executing a application program process. The process is driven by a graphics engine that manages a plurality of corresponding graphics file and configuration file pairs that together define the entire user interface for the application, and each of the plurality of graphics file and configuration file pairs corresponds to a window that forms at least a portion of the user interface. Each graphics file contains at least one image defining a window that is part of the user interface, and the configuration file contains parameters that define how the graphics engine processes the graphics file. These parameters also define actions and point to software or content that may be initiated or embedded by the user through the user interface.